

# CUMULATIVE INDEXES

## CONTRIBUTING AUTHORS, VOLUMES 16-20

- Aggerbeck LP, 20:663-97  
 Allan CB, 19:1-16  
 Antinozzi PA, 19:511-44  
 Antony AC, 16:501-21  
 Arai H, 19:343-55  
 Atkinson RL, 17:383-403  
  
 Bacher A, 20:153-67  
 Baier W, 20:699-722  
 Baik HW, 19:357-77  
 Baile CA, 20:105-27  
 Bakillah A, 19:141-72  
 Banaszak LJ, 17:277-303  
 Baranowski J, 19:17-40  
 Baranowski T, 19:17-40  
 Baron AD, 17:487-99  
 Baumgartner RN,  
     17:527-58  
 Beck MA, 18:93-116  
 Bellush LL, 19:437-61  
 Bendich A, 16:73-97  
 Berman HK, 19:511-44  
 Bernlohr DA, 17:277-303  
 Berriot-Varoqueaux N,  
     20:663-97  
 Billington CJ, 17:597-619  
 Birch LL, 19:41-62  
 Blundell JE, 16:285-319  
 Bosch F, 18:207-32  
 Bowman BA, 19:xiii-xvii  
 Broquist HP, 17:1-18  
 Broun P, 19:197-216  
 Brown TK, 19:247-77  
 Brown EM, 20:507-33  
 Bruce C, 18:297-330  
 Brunengraber H, 17:559-96  
 Burks AW, 16:161-77  
 Butterworth CE Jr,  
     16:73-97  
  
 Cai J, 20:485-505  
 Carey HV, 20:195-219  
 Castenmiller JJM, 18:19-38  
 Chan HM, 20:595-626  
 Chouinard RA, 18:297-330  
 Chytil F, 16:257-83  
 Clark MG, 17:487-99  
 Clarke SD, 19:63-90  
 Clinton SK, 18:413-40  
 Coleman RA, 20:77-103  
 Contreras JA, 20:365-93  
 Coschigano KT, 19:437-61  
 Cotton JR, 16:285-319  
 Crawford DHG, 16:139-60  
 Cullen KW, 19:17-40  
  
 Daniel PB, 18:353-83  
 Davidson NO, 20:169-93  
 Della-Fera MA, 20:105-27  
 Delzenne NM, 18:117-43  
 Des Rosiers C, 17:559-96  
 Dewey KG, 17:19-36  
 Doyle MP, 17:255-75  
 Drewnowski A, 17:237-53  
  
 Eberhardt S, 20:153-67  
 Eide DJ, 18:441-69  
 Eisenstein RS, 20:627-62  
 Evock-Clover CM,  
     18:63-92  
  
 Fardella CE, 16:443-70  
 Ferraris RP, 20:195-219  
 Ferré P, 17:325-52  
 Fischer M, 20:153-67  
 Fleet JC, 18:233-58  
 Fomon SJ, 20:273-90  
 Foster JD, 19:379-406  
 Fougelle F, 17:325-52  
  
 Friedl KE, 17:51-75  
 Fuller MF, 18:385-411  
  
 Ganapathy V, 16:99-119  
 German JB, 20:561-93  
 Gettner S, 19:197-216  
 Giovannucci E,  
     18:413-40  
 Girard IA, 19:247-77  
 Girard J, 17:325-52  
 Gomez MR, 16:471-99  
 Goyer RA, 17:37-50  
 Gregory JF III, 18:277-96  
 Grundy SM, 19:325-41  
  
 Habener JF, 18:353-83  
 Hadsell D, 19:407-36  
 Halliday JW, 16:139-60  
 Halliwell B, 16:33-50  
 Harper M-E, 20:339-63  
 Harris ED, 20:291-310  
 Harris P, 17:185-210  
 Harris RBS, 20:45-75  
 Harrison EH, 18:259-76  
 Hegsted DM, 20:1-19  
 Heird WC, 16:471-99  
 Hellerstein MK, 16:523-57  
 Hertzfel AV, 17:277-303  
 Heymsfield SB, 17:527-58  
 Holloszy JO, 16:121-38  
 Holm C, 20:365-93  
 Hoppel C, 18:179-206  
 Hoyt RW, 17:51-75  
 Hussain MM, 19:141-72  
 Hwang D, 20:431-56  
  
 Jeffery RW, 20:21-44  
 Jensen MD, 17:127-39  
 Jones DP, 20:485-505

- Jump DB, 19:63-90  
Jungermann K, 16:179-203  
  
Katan MB, 17:305-24  
Kaytor EN, 17:405-33  
Kelleher JK, 17:559-96  
Kerner J, 18:179-206  
Kerr DE, 18:63-92  
Khan LK, 19:xiii-xvii  
Kietzmann T, 16:179-203  
Kim K-H, 17:77-99  
Kis K, 20:153-67  
Klein N, 20:699-722  
Kohrt WM, 16:121-38  
Kopchick JJ, 19:437-61  
Kozak LP, 20:339-63  
Kuhnlein HV, 16:417-42;  
20:595-626  
Kunz C, 20:699-722  
Kurzer MS, 17:353-81  
  
Lacourciere GM, 19:1-16  
Lamprecht SA, 19:545-85  
Lange AJ, 19:379-406  
Laurell H, 20:365-93  
Law JH, 17:501-26  
Lawton CL, 16:285-319  
Lazar MA, 20:535-59  
Lee MM, 20:221-48  
Leggett BA, 16:139-60  
Leibach FH, 16:99-119  
Levander OA, 18:93-116  
Levine AS, 17:597-619  
Lewin TM, 20:77-103  
Li E, 16:205-34  
Lieber CS, 20:395-430  
Lin SS, 20:221-48  
Lipkin M, 19:545-85  
Lowe ME, 17:141-58  
Lukaski HC, 19:279-302  
  
Macdiarmid JI, 16:285-319  
Maroni BJ, 17:435-55  
Martin RJ, 20:105-27  
McIntire WS, 18:145-77  
Meng J, 17:255-75  
Miller WL, 16:443-70  
  
Mitch WE, 17:435-55  
Moss J, 19:485-509  
Muio DM, 20:77-103  
  
Nagy KA, 19:247-77  
Naik S, 20:311-38  
Nair KS, 17:457-85  
Naylor CD, 16:349-82  
Neese RA, 16:523-57  
Nelson SE, 20:273-90  
Neville MC, 17:159-83  
Newgard CB, 19:511-44  
Newmark H, 19:545-85  
Nordlie RC, 19:379-406  
Norris AW, 16:205-34  
  
O'Dell BL, 18:1-18  
O'Doherty RM, 19:511-44  
Okazaki IJ, 19:485-509  
Olson AL, 16:235-56  
Olson RE, 16:1-32  
Osterlund T, 20:365-93  
  
Paterson JM, 16:349-82  
Pessin JE, 16:235-56  
Pfahl M, 16:257-83  
Picciano MF, 17:159-83  
Powell LW, 16:139-60  
Prentice A, 20:249-72  
Pujol A, 18:207-32  
  
Rangwala SM, 20:535-59  
Rasmussen BB, 19:463-84  
Reaven PD, 16:51-71  
Rebouche CJ, 18:39-61  
Receveur O, 16:417-42  
Reddy B, 19:545-85  
Reeds PJ, 18:385-411  
Rennie MJ, 20:457-83  
Richter G, 20:153-67  
Riley EM, 17:211-35  
Roberfroid MB, 18:117-43  
Rooyackers OE, 17:457-85  
Rosen JM, 19:407-36  
Ross R, 17:527-58  
Rudloff S, 20:699-722  
Rush D, 17:101-25  
  
Russell RM, 19:357-77  
  
Sampson HA, 16:161-77  
Samson-Bouma M-E,  
20:663-97  
Sanderson IR, 20:311-38  
Schwarz J-M, 16:523-57  
Seetharam B, 19:173-95  
Seim H, 18:39-61  
Selhub J, 19:217-46  
Shelness GS, 20:169-93  
Sherwood NE, 20:21-44  
Shih H-M, 17:405-33  
Sies H, 16:321-47  
Simpson MA, 17:277-303  
Sirotmak FM, 19:91-122  
Smitasiri S, 19:303-24  
Somerville C, 19:197-216  
Stadtman TC, 19:1-16  
Stallings VA, 17:211-35  
Steele NC, 18:63-92  
Strickland DK, 19:141-72  
Strobel S, 20:699-722  
Sul HS, 18:331-51  
  
Tabas I, 19:123-39  
Tall AR, 18:297-330  
Tipton KD, 20:457-83  
Tolner B, 19:91-122  
Towle HC, 17:405-33  
Traber MG, 16:321-47;  
19:343-55  
  
Underwood BA,  
19:303-24  
Urgert R, 17:305-24  
  
Valera A, 18:207-32  
  
Walker WH, 18:353-83  
Walzem RL, 20:561-93  
Wang D, 18:331-51  
Wang ZM, 17:527-58  
Watson WH, 20:485-505  
Welling PG, 16:383-415  
Wessling-Resnick M,  
20:129-51

West CE, 18:19-38

Wetterau JR, 20:663-97

Winzerling JJ, 17:501-26

Witztum JL, 16:51-71

Wolfe RR, 19:463-84

Wood RJ, 18:233-58

Wray-Cahen CD, 18:63-92

Wyszomierski SL, 19:407-36

Xu X, 17:353-81

Zemel BS, 17:211-35

Ziegler EE, 20:273-90

## CHAPTER TITLES, VOLUMES 16-20

### Prefatory Essays

On the Making of a Clinical Nutritionist	RE Olson	16:1-32
Memories of Microbes and Metabolism	HP Broquist	17:1-18
Personal Reflections on a Galvanizing Trail	BL O'Dell	18:1-18
Obesity: A Major Global Public Health Problem	LK Khan, BA Bowman	19:xiii-xvii
From Chick Nutrition to Nutrition Policy	DM Hegsted	20:1-19

### Energy Metabolism

Regulation of Carbohydrate and Fat Metabolism During and After Exercise	JO Holloszy, WM Kohrt	16:121-38
Parenteral Nutrition in Low-Birth-Weight Infants	WC Heird, MR Gomez	16:471-99
Energy and Protein Requirements During Lactation	KG Dewey	17:19-36
Human Body Composition: Advances in Models and Methods	SB Heymsfield, ZM Wang, RN Baumgartner, R Ross	17:527-58
Leptin—Much More Than a Satiety Signal	RBS Harris	20:45-75
Regulation of Metabolism and Body Fat Mass by Leptin	CA Baile, MA Della-Fera, RJ Martin	20:105-27
Mitochondrial Uncoupling Proteins in Energy Expenditure	LP Kozak, M-E Harper	20:339-63

### Carbohydrates

Structure, Function, and Regulation of the Mammalian Facilitative Glucose Transporter Gene Family	AL Olson, JE Pessin	16:235-56
Taste Preferences and Food Intake	A Drewnowski	17:237-53
Role of Blood Flow in the Regulation of Muscle Glucose Uptake	AD Baron, MG Clark	17:487-99
Dietary Fructans	MB Roberfroid, NM Delzenne	18:117-43
The Optimal Ratio of Fat-to-Carbohydrate in the Diet	SM Grundy	19:325-41

Metabolic Engineering with Recombinant Adenoviruses	PA Antinozzi, HK Berman, RM O'Doherty, CB Newgard	19:511-44
Oligosaccharides in Human Milk: Structural, Functional, and Metabolic Aspects	C Kunz, S Rudloff, W Baier, N Klein, S Strobel	20:699-722

## Lipids

Oxidized Low Density Lipoproteins in Atherogenesis: Role of Dietary Modification	PD Reaven, JL Witztum MD Jensen	16:51-71 17:127-39
Lipolysis: Contribution from Regional Fat Structure and Function of Pancreatic Lipase and Colipase	ME Lowe	17:141-58
Intracellular Lipid-Binding Proteins and Their Genes	DA Bernlohr, MA Simpson, AV Hertzal, LJ Banaszak	17:277-303
Plasma Lipid Transfer Proteins, High-Density Lipoproteins, and Reverse Cholesterol Transport	C Bruce, RA Chouinard, AR Tall	18:297-330
Nonoxidative Modifications of Lipoproteins in Atherogenesis	I Tabas	19:123-39
The Mammalian Low-Density Lipoprotein Receptor Family	MM Hussain, DK Strickland, A Bakillah	19:141-72
Genetic Engineering of Plant Lipids	P Broun, S Gettner, C Somerville	19:197-216
Regulation of Fatty Acid Oxidation in Skeletal Muscle	BB Rasmussen, RR Wolfe	19:463-84
Physiological and Nutritional Regulation of Enzymes of Triacylglycerol Synthesis	RA Coleman, TM Lewin, DM Muoio	20:77-103
APOLIPOPROTEIN B: mRNA Editing, Lipoprotein Assembly, and Presecretory Degradation	NO Davidson, GS Shelness	20:169-93

Molecular Mechanisms Regulating Hormone-Sensitive Lipase and Lipolysis	C Holm, T Osterlund, H Laurell, JA Contreras	20:365-93
Fatty Acids and Immune Responses—A New Perspective in Searching for Clues to Mechanism	D Hwang	20:431-56
The Role of the Microsomal Triglyceride Transfer Protein in Abetalipoproteinemia	N Berriot-Varoqueaux, LP Aggerbeck, M-E Samson-Bouma, JR Wetterau	20:663-97

### Proteins, Peptides, and Amino Acids

Peptide Transporters in the Intestine and the Kidney	FH Leibach, V Ganapathy	16:99-119
Mechanisms of Food Allergy	HA Sampson, AW Burks	16:161-77
Hormonal Regulation of Human Muscle Protein Metabolism	OE Rooyackers, KS Nair	17:457-85
Why Do We Eat? A Neural Systems Approach	AS Levine, CJ Billington	17:597-619
Carnitine Metabolism and Its Regulation in Microorganisms and Mammals	CJ Rebouche, H Seim	18:39-61
Redefining Body Composition: Nutrients, Hormones, and Genes in Meat Production	CD Wray-Cahen, DE Kerr, CM Evock-Clover, NC Steele	18:63-92
Nitrogen Cycling in the Gut	MF Fuller, PJ Reeds	18:385-411
Homocysteine Metabolism	J Selhub	19:217-46
Protein and Amino Acid Metabolism During and After Exercise and the Effects of Nutrition	MJ Rennie, KD Tipton	20:457-83

### Vitamins

Antioxidants in Human Health and Disease	B Halliwell	16:33-50
Folic Acid and the Prevention of Birth Defects	CE Butterworth Jr, A Bendich	16:73-97
Structure/Function of Cytoplasmic Vitamin A-Binding Proteins	E Li, AW Norris	16:205-34

Regulation of Metabolism by Retinoic Acid and Its Nuclear Receptors	M Pfahl, F Chytil	16:257-83
Vitamin E in Humans: Demand and Delivery	MG Traber, H Sies	16:321-47
Folate Receptors	AC Antony	16:501-21
Bioavailability and Bioconversion of Carotenoids	JJM Castenmiller, CE West	18:19-38
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145-77
Lipases and Carboxylesterases: Possible Roles in the Hepatic Metabolism of Retinol	EH Harrison	18:259-76
Nutritional Properties and Significance of Vitamin Glycosides	JF Gregory III	18:277-96
Carrier-Mediated Membrane Transport of Folates in Mammalian Cells	FM Sirotnak, B Tolner	19:91-122
Receptor-Mediated Endocytosis of Cobalamin (Vitamin B <sub>12</sub> )	B Seetharam	19:173-95
Molecular Mechanisms of Vitamin E Transport	MG Traber, H Arai	19:343-55
Characterization of Glycosylphosphatidy- linositol-Anchored, Secreted, and Intracellular Vertebrate Mono-ADP-Ribosyltransferases	IJ Okazaki, J Moss	19:485-509
Biosynthesis of Vitamin B <sub>2</sub> (Riboflavin)	A Bacher, S Eberhardt, M Fischer, K Kis, G Richter	20:153-67

## Inorganic Nutrients

Factors Influencing Disease Expression in Hemochromatosis	DHG Crawford, LW Powell, JW Halliday, BA Leggett	16:139-60
Molecular Biology of Mineralocorticoid Metabolism	CE Fardella, WL Miller	16:443-70
Toxic and Essential Metal Interactions	RA Goyer	17:37-50
The Molecular Biology of Metal Ion Transport in <i>Saccharomyces cerevisiae</i>	DJ Eide	18:441-69
Responsiveness of Selenoproteins to Dietary Selenium	CB Allan, GM Lacourciere, TC Stadtman	19:1-16
Chromium as a Supplement	HC Lukaski	19:279-302
The Extracellular Ca <sup>2+</sup> -Sensing Receptor: Central Mediator of Systemic Calcium Homeostasis	EM Brown	20:507-33

Iron Regulatory Proteins and the Molecular Control of Mammalian Iron Metabolism	RS Eisenstein	20:627-62
Retention of Iron by Infants	SJ Fomon, SE Nelson, EE Ziegler	20:273-90
Iron Transport	M Wessling-Resnick	20:129-51
Cellular Copper Transport and Metabolism	ED Harris	20:291-310

## Other Food Components

Dietary Phytoestrogens	MS Kurzer, X Xu	17:353-81
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145-77
Dietary Factors in Human Colorectal Cancer	M Lipkin, B Reddy, H Newmark, SA Lamprecht	19:545-85
Alcohol: Its Metabolism and Interaction with Nutrition	CS Lieber	20:395-430
The Health Benefits of Wine	JB German, RL Walzem	20:561-93

## Nutrition and Metabolic Regulation

Zonation of Parenchymal and Nonparenchymal Metabolism in Liver	K Jungermann, T Kietzmann	16:179-203
Control of Human Appetite: Implications for the Intake of Dietary Fat	JE Blundell, CL Lawton, JR Cotton, JI Macdiarmid	16:285-319
Regulation of Mammalian Acetyl-Coenzyme A Carboxylase	K-H Kim	17:77-99
Regulation of Milk Lipid Secretion and Composition	MC Neville, MF Picciano	17:159-83
Mechanisms by Which Carbohydrates Regulate Expression of Genes for Glycolytic and Lipogenic Enzymes	J Girard, P Ferré, F Foulle	17:325-52
Regulation of the Expression of Lipogenic Enzyme Genes by Carbohydrate	HC Towle, EN Kaytor, H-M Shih	17:405-33
Applications of Mass Isotopomer Analysis to Nutrition Research	H Brunengraber, JK Kelleher, C Des Rosiers	17:559-96
Transgenic Mice in the Analysis of Metabolic Regulation	F Bosch, A Pujol, A Valera	18:207-32



Nutritional and Hormonal Regulation of Enzymes in Fat Synthesis: Studies of Fatty Acid Synthase and Mitochondrial Glycerol-3-Phosphate Acyltransferase Gene Transcription	HS Sul, D Wang	18:331-51
Regulation of Gene Expression by Dietary Fat	DB Jump, SD Clarke	19:63-90
Regulation of Glucose Production by the Liver	RC Nordlie, JD Foster, AJ Lange	19:379-406
Intestinal Transport During Fasting and Malnutrition	RP Ferraris, HV Carey	20:195-219
Transcriptional Control of Adipogenesis	SM Rangwala, MA Lazar	20:535-59
Dietary Regulation of Intestinal Gene Expression	IR Sanderson, S Naik	20:311-38
Diet and Apoptosis	WH Watson, J Cai, DP Jones	20:485-505
<b>Genetics and Molecular Biology</b>		
Cyclic AMP Signaling and Gene Regulation	PB Daniel, WH Walker, JF Habener	18:353-83
Regulation of Milk Protein Gene Expression	JM Rosen, SL Wyszomierski, D Hadsell	19:407-36
Transgenic Models of Growth Hormone Action	JJ Kopchick, LL Bellush, KT Coschigano	19:437-61
<b>Clinical Nutrition</b>		
Regulation of Hepatic De Novo Lipogenesis in Humans	MK Hellerstein, J-M Schwarz, RA Neese	16:523-57
Evaluation of Methodology for Nutritional Assessment in Children: Anthropometry, Body Composition, and Energy Expenditure	BS Zemel, EM Riley, VA Stallings	17:211-35
Use of Drugs in the Treatment of Obesity	RL Atkinson	17:383-403
Role of Nutrition in Prevention of the Progression of Renal Disease	BJ Maroni, WE Mitch	17:435-55
Genetic Disorders of Carnitine Metabolism and Their Nutritional Management	J Kerner, C Hoppel	18:179-206
The Genetics of Osteoporosis: Vitamin D Receptor Polymorphisms	RJ Wood, JC Fleet	18:233-58
Diet, Nutrition, and Prostate Cancer	SK Clinton, E Giovannucci	18:413-40

Psychosocial Correlates of Dietary Intake:  
Advancing Dietary Intervention

T Baranowski, 19:17-40  
KW Cullen,  
J Baranowski

Development of Food Preferences  
Vitamin B<sub>12</sub> Deficiency in the Elderly  
Dietary Fat and Breast Cancer  
Calcium in Pregnancy and Lactation

LL Birch 19:41-62  
HW Baik, RM Russell 19:357-77  
MM Lee, SS Lin 20:221-48  
A Prentice 20:249-72

## Nutritional Anthropology

Environmental Contaminants in Traditional  
Food Systems of Northern Indigenous  
Peoples

HV Kuhnlein, 20:595-626  
HM Chan

## Nutritional Pharmacology and Toxicology

Effects of Food on Drug Absorption

PG Welling 16:383-415

## Nutritional Microbiology

Emerging Issues in Microbiological Food  
Safety  
Dietary Oxidative Stress and the Potentiation  
of Viral Infection

J Meng, MP Doyle 17:255-75  
MA Beck, 18:93-116  
OA Levander

## Public Health Nutrition

Cholesterol Policy and the Primary  
Prevention of Coronary Disease:  
Reflections on Clinical and Population  
Strategies

CD Naylor, 16:349-82  
JM Paterson

Development and Biomedical Testing of  
Military Operational Rations  
Nutrition Screening in Old People: Its Place  
in a Coherent Practice of Preventive Health  
Care

KE Friedl, RW Hoyt 17:51-75  
D Rush 17:101-25

Micronutrient Malnutrition: Policies and  
Programs for Control and Their  
Implications

BA Underwood, 19:303-24  
S Smitasiri

THE BEHAVIORAL DETERMINANTS OF  
EXERCISE: Implications for Physical  
Activity Interventions

NE Sherwood, 20:21-44  
RW Jeffery

---

**Comparative Nutrition**

Energy Sources and Requirements of the Exercising Horse	P Harris	17:185-210
Comparative Nutrition of Iron and Copper	JJ Winzerling, JH Law	17:501-26
Energetics of Free-Ranging Mammals, Reptiles, and Birds	KA Nagy, IA Girard, TK Brown	19:247-77

**Special Topics**

Dietary Change and Traditional Food Systems of Indigenous Peoples	HV Kuhnlein, O Receveur	16:417-42
The Cholesterol-Raising Factor from Coffee Beans	R Urgert, MB Katan	17:305-24



